

## ABSTRACT OF THE ASCLOSURE



The efficiency and capacity of an air compressor (10) (Figure 1) are increased by pre-cooling the inlet air to below the dew point in air chiller (11), and then injecting the resulting condensate into the chilled air in the form of fog-sized droplets in a fogger (16). The advantages extend to combustion engines, and especially to regenerative combustion turbines.

10

5